



## BATTERY CHARGER SYSTEMS

### ANNEXURE - III

#### TECHNICAL SPECS FOR 30 AMP - 48 V DC BATTERY CHARGER

1. Wide input range : 170 to 260 V AC, 50 Hz, 1 Phase
2. AC Input : 230 V, 50 Hz, 1 Phase
3. DC Output : 48 V DC with 20 Amp, 2 pole MCCB  
Output Load point - 4 nos.
4. Ripple : Ripple voltage in Float & Float cum Boost Charger mode shall less than 3% rms
5. Efficiency : >/- 75% at Full Load
6. Rectifier : PFC base IGBT rectifier Metering Indication, Protection
7. DCDB : Charger build in DCDB
8. Painting : Siemens Gray & VIP Blue
9. Indications : Mains ON , DC ON, Output ON,  
Boost, Float, Over Load,  
Output over voltage,  
Single Phasing Preventor  
Reset

## 10. Metering

: Digital Meter

Input AC Voltage (R,Y,B) through selector Switch

Output DC Voltage & battery DC Voltage  
through Selector Switch

Output DC Current & Battery Charging  
current through selector switch

## 11. Protections

: Mains Phase Fail , Phase Reversal

DC Over , DC Under,  
DC Overload  
Battery Current Limit

### ***\*Optional at Extra Cost***

*Note:-Specifications are subject to change without prior notice.*

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